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Wharfedale Diamond 12.4

Wharfedale Diamond 12.4 Floorstanding Speaker User Manual

Model: Diamond 12.4 | Brand: Wharfedale

INTRODUCTION

This user manual provides essential information for the proper setup, operation, and maintenance of your Wharfedale Diamond 12.4 Floorstanding Speaker. Please read these instructions carefully before using your speakers to ensure optimal performance and longevity.

The Wharfedale Diamond 12.4 is a 2.5-way floorstanding speaker designed to deliver high-fidelity audio. It features a Klarity cone for rigidity and low coloration, a precision-made magnet system for reduced distortion, and a 1-inch textile dome tweeter for accurate high-frequency reproduction.



Figure 1: Front view of the Wharfedale Diamond 12.4 Floorstanding Speaker in Light Oak finish, showcasing the drivers.

WHAT'S IN THE BOX

Upon unpacking, please ensure all components are present and in good condition.

- Wharfedale Diamond 12.4 Dual 6.5" 2.5-Way Tower Floor Standing Speaker (Light Oak) - Quantity: 2
- Speaker grilles (magnetic)
- Spike feet for stability
- User Manual (this document)

Note: The spike feet may be pre-installed or require user installation. Exercise caution during handling, as the speakers are heavy.

SETUP

1. Unpacking and Placement

Carefully remove the speakers from their packaging. It is recommended to have assistance due to the weight of each speaker (approximately 63.5 pounds).

Position the speakers on a stable, level surface. The Diamond 12.4 speakers are floor-standing and feature rear-firing ports. For optimal bass response and to avoid muddiness, place the speakers at least a couple of feet away from rear walls. Experiment with placement to find the best soundstage in your listening environment.



Figure 2: Angled view of the speaker, highlighting the base and spike feet for stability.

2. Connecting to an Amplifier

The Diamond 12.4 speakers connect to your amplifier using either RCA or screw terminal connections. Ensure your

amplifier is turned off before making any connections.

- Use high-quality speaker cables for the best audio performance.
- Connect the positive (+) terminal (red) on the speaker to the positive (+) terminal on your amplifier.
- Connect the negative (-) terminal (black) on the speaker to the negative (-) terminal on your amplifier.
- Ensure all connections are secure to prevent short circuits or signal loss.



Figure 3: Rear view of the speaker, illustrating the bass port and connectivity terminals.

The recommended amplifier power for these speakers is 30-200W, with a nominal impedance of 8 Ohms. Using an amplifier within this range will ensure proper operation and prevent damage.

OPERATING INSTRUCTIONS

Once connected, you can begin using your Wharfedale Diamond 12.4 speakers.

1. **Power On:** Turn on your amplifier and any connected audio sources.
2. **Volume Control:** Start with the volume at a low level and gradually increase it to your desired listening level. Avoid excessively high volumes to prevent speaker damage and hearing loss.
3. **Break-in Period:** Speakers typically require a 'break-in' period of several hours of use to achieve their optimal sound performance. During this time, the drivers will loosen up, and the sound quality may improve.
4. **Grilles:** The speakers come with magnetic grilles. You may choose to use them for protection or remove them for a slightly different aesthetic and potentially a more open sound.



Figure 4: Front view of the speaker with the protective magnetic grille attached.

Proper care will help maintain the appearance and performance of your speakers.

- **Cleaning:** Dust the cabinets regularly with a soft, dry cloth. For stubborn marks, a slightly damp cloth can be used, followed by a dry cloth. Avoid abrasive cleaners or solvents.
- **Grilles:** The magnetic grilles can be gently removed and dusted.
- **Environment:** Avoid placing speakers in direct sunlight, near heat sources, or in areas with high humidity.
- **Handling:** When moving speakers, lift them carefully from the base. Avoid dragging them, especially if spike feet are installed, to prevent damage to the feet or floor.

TROUBLESHOOTING

If you encounter issues with your speakers, refer to the following common troubleshooting steps.

Problem	Possible Cause	Solution
No sound from one or both speakers	Loose or incorrect cable connections; amplifier off or muted; incorrect source selection.	Check all speaker cable connections at both the speaker and amplifier. Ensure amplifier is on and not muted. Verify correct audio source is selected on the amplifier.
Distorted or unclear sound	Overdriven amplifier; damaged speaker cable; incorrect speaker placement; faulty audio source.	Reduce amplifier volume. Inspect speaker cables for damage. Adjust speaker placement. Test with a different audio source.
Weak or boomy bass	Incorrect speaker placement (too close to walls); phase issues; amplifier settings.	Move speakers further from walls. Check speaker cable polarity (+ to + and - to -). Adjust bass settings on your amplifier or receiver.
Physical damage to speaker feet	Impact during shipping or handling.	Contact Wharfedale customer support or your retailer for assistance. Handle speakers with care, especially during installation of spike feet.

If the problem persists after attempting these solutions, please contact Wharfedale customer support.

SPECIFICATIONS

Detailed technical specifications for the Wharfedale Diamond 12.4 Floorstanding Speaker.

Feature	Detail
Model Name	Diamond 12.4
Speaker Type	Floorstanding, 2.5-Way
Woofer Diameter	Dual 6.5 Inches (Klarity cones)
Tweeter Type	1 Inch Textile Dome
Speaker Maximum Output Power	200 Watts
Recommended Amplifier Power	30-200W
Nominal Impedance	8 Ohms
Connectivity Technology	RCA or Screw Terminal

Feature	Detail
Product Dimensions (D x W x H)	18.5" x 12.5" x 49"
Item Weight	63.5 Pounds
Color	Light Oak
UPC	840117503922
ASIN	B092WN5FWP

Warranty and Support

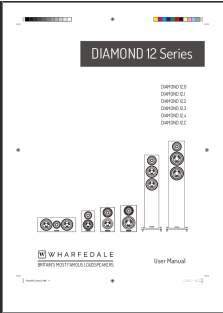
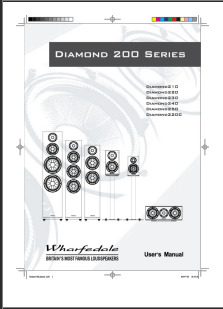
The Wharfedale Diamond 12.4 Floorstanding Speaker comes with a limited warranty. For specific warranty terms and conditions, please refer to the documentation provided with your purchase or visit the official Wharfedale website. For technical support, service, or warranty claims, please contact Wharfedale customer support. You may also reach out to your retailer for assistance.

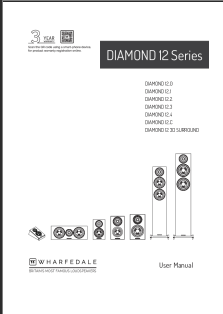
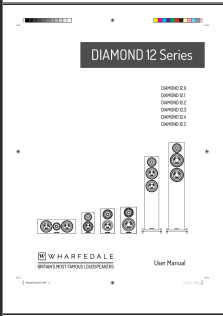
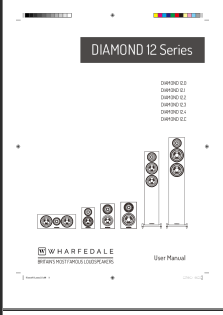
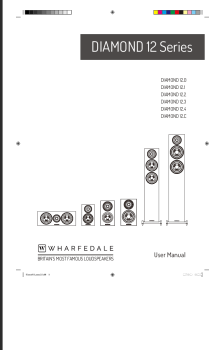
- **Protection Plans:** Additional protection plans may be available for purchase from your retailer or third-party providers. These typically offer extended coverage beyond the manufacturer's limited warranty.
- **Returns:** Standard return policies apply, typically within 30 days of purchase, as per retailer terms.



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Related Documents - Diamond 12.4

	<p>Wharfedale DIAMOND 12 Series Loudspeaker User Manual</p> <p>Comprehensive user manual for the Wharfedale DIAMOND 12 Series loudspeakers, covering setup, installation, safety, troubleshooting, and specifications for models 12.0, 12.1, 12.2, 12.3, 12.4, and 12.C.</p>
	<p>Wharfedale Diamond 200 Series Loudspeaker User Manual</p> <p>User manual for the Wharfedale Diamond 200 Series loudspeakers, covering setup, connection, positioning, and specifications for models including Diamond 210, 220, 230, 240, 250, and 220C.</p>

 The image shows the cover of the Wharfedale DIAMOND 12 Series Loudspeaker User Manual and Setup Guide. It features a black and white photograph of the various speakers in the series, including a large center channel speaker, two side speakers, two rear speakers, and a subwoofer. The Wharfedale logo is at the bottom left, and the text 'DIAMOND 12 Series' and 'User Manual' are at the top and bottom right respectively.	<p>Wharfedale DIAMOND 12 Series Loudspeaker User Manual and Setup Guide</p> <p>Comprehensive user manual for Wharfedale DIAMOND 12 Series loudspeakers, covering safety, unpacking, setup, connections, positioning, troubleshooting, and warranty information for models including DIAMOND 12.0, 12.1, 12.2, 12.3, 12.4, 12.C, and 12 3D Surround.</p>
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